

# MOOG

## Videolarm

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## FDW7CN-3

Outdoor / Indoor PTZ Fusion Dome Mount

[www.videolarm.com](http://www.videolarm.com)

### Installation and Operation Instructions for the following models:

**FDW7CN-3** IP Network Ready 7" Outdoor FusionDome PTZ Camera System with 23x zoom

**IFDW7CN-3** Day/Night camera, wall mount, MPEG-4/ MJPEG video compression, full D1.

**(Indoor)** Clear dome, with 24Vac input, heater/blower (Outdoor only)

**FDP7CN-3** IP Network Ready 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night

**IFDP7CN-3** camera, pendent mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with

**(Indoor)** 24Vac input, heater/blower (Outdoor only)

**FDW7CS-3** (Analog Version) 7" Outdoor FusionDome PTZ Camera System with 23x zoom Day/Night

**IFDW7TS-3** camera, wall mount, MPEG-4/ MJPEG video compression, full D1. Clear dome, with

**(Indoor)** 24Vac input, heater/blower (Outdoor only)

**FDP7CS-3** (Analog Version) 7" Outdoor FusionDome PTZ Camera System with 23x zoom

**IFDP7CS-3** Day/Night camera, pendent mount, MPEG-4/ MJPEG video compression, full D1.

**(Indoor)** Clear dome, with 24Vac input, heater/blower (Outdoor only)

**The unit is available in both tinted (T) and clear (C) Models**

Before attempting to connect or operate this product, please read these instructions completely. To be used with the 81-IN5409 Instruction Manual.



81-IN5357  
07-26-2010

## IMPORTANT SAFEGUARDS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with damp cloth.
- 7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- 8 Cable Runs- All cable runs must be within permissible distance.
- 9 Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

### Accordingly:

- a. The installation should be made by a qualified installer.
  - b. The installation should be in compliance with local codes.
  - c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.
- 10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus ( including amplifiers) that produce heat.
  - 11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - 13 Only use attachment/ accessories specified by the manufacturer.
  - 14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
  - 15 Unplug this apparatus during lighting storms or when unused for long periods of time.
  - 16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

## UNPACKING

**Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.**

### Be sure to save:

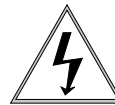
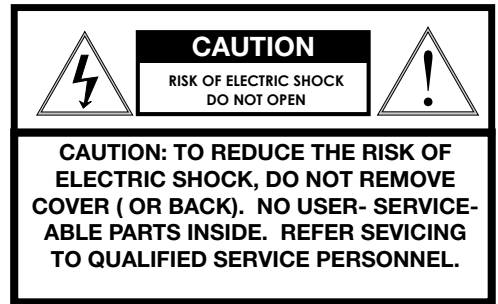
- 1 The shipping carton and packaging material.  
**They are the safest material in which to make future shipments of the equipment.**
- 2 These Installation and Operating Instructions.

## SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT  
AVAILABLE 24 HOURS  
1-800-554-1124

## SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk to persons.

Este símbolo se piensa para alertar al usuario a la presencia del "voltaje peligroso no-aislado" dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l'utilisateur à la présence "de la tension dangereuse" non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier "Gefährdungsspannung" innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença "di tensão perigosa non-isolada" dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l'utente alla presenza "di tensione pericolosa" non-isolata all'interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.



The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d'exclamation est prévu pour alerter l'utilisateur à la présence des instructions importantes dans la littérature accompagnant l'appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamation è inteso per avvertire l'utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.



## LIMITED WARRANTY FOR VIDEOARM INC. PRODUCTS

VIDEOARM INC. warrants this Product to be free from defects in material or workmanship, as follows:

PRODUCT CATEGORY	PARTS	LABOR
All Enclosures and Electronics	Five (5) Years	Five (5) Years
Pan/Tilts	Three (3) Years **6 months if used in auto scan	Three (3) Years **6 months if used in auto scan
Poles/Pole Evolvers	Three (3) Years /tour operation	Three (3) Years /tour operation
Warrior/Q-View/I.R. Illuminators	Five (5) Years	Five (5) Years
SView Series	Five (5) Years **6 months if used in auto scan	Five (5) Years **6 months if used in auto scan
Controllers	Five (5) Years /tour operation	Five (5) Years /tour operation
Power Supplies	Five (5) Years	Five (5) Years
Accessory Brackets	Five (5) Years	Five (5) Years

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA# (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124 extension 101. Videolarm will return the repaired Product freight prepaid to Purchaser. Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

The limited warranty stated in these product instructions is subject to all of the following terms and conditions:

### TERMS AND CONDITIONS

**1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE:** If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Videolarm but all claims for warranty service must be made within the warranty period. If after investigation Videolarm determines that the reported problem was not covered by the warranty, Purchaser shall pay Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period as to the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

**2. EXCLUSIVE REMEDY: ACCEPTANCE:** Purchaser's exclusive remedy and Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

**3. EXCEPTIONS TO LIMITED WARRANTY:** Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use: negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

**4. PROOF OF PURCHASE:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

### DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, VIDEOARM HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. VIDEOARM HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-VIDEOARM PRODUCTS OR NON-VIDEOARM RECOMMENDED PRODUCTS PURCHASER CHOOSES TO CONNECT TO PRODUCT.

### LIMITATION OF LIABILITY

THE LIABILITY OF VIDEOARM, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL VIDEOARM BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.



## Electrical Specifications

FDW7CN-3  
FDW7CS-3  
FDP7CN-3  
FDP7CS-3

Power 24VAC  
Class 2 Only

\* IFDW7CN-3  
\* IFDP7CN-3



English

24 VAC  
80 Watts  
Accessories: Heater: 50 Watts, Blower: 2 Watt  
Camera Power: (See Camera Specifications): 28 Watts Max  
Tools Required: .100" Flat Head Screwdriver  
Phillips Head Screwdriver



Español

24 VAC  
80 Vatios  
De Accesorios: Calentador: 50 Watts, Blower: 2 Vatio  
Energía De la Cámara fotográfica De: (Véase Las  
Especificaciones De la Cámara fotográfica): 28 Vatios  
De Herramientas Máximas  
Requeridas: Destornillador Principal Phillips Del Destornillador  
Principal Plano Del 100"



Français

24 VCA  
80 Watts  
D'Accessoires: Réchauffeur: 50 Watts, Ventilateur: 2 watts.  
Puissance D'Appareil-photo: (Voir Les Caractéristiques  
D'Appareil-photo): 28 Watts De Maximum  
Les Outils Ont exigé: Tournevis Principal Phillips De Tournevis  
Principal Plat De 100".



Deutsch

24 VAC  
80 Watt  
Zusatzgerät: Heizung: 50 Watts, Blower: 2  
Watt-Kamera-Energie: (Sehen Sie Kamera-Spezifikationen):  
28 Watt Maximale Werkzeug-Erfordert: 100"Flacher  
Hauptschraubenzieher-Kreuzkopfhauptschraubenzieher



Portuguese

24 VAC  
80 Watts  
De Acessórios: Calefator: 50 Watts, Blower: 2 Watt  
Poder Da Câmera De: (Veja Especificações Da Câmera):  
28 Watts De Ferramentas Máximas Requereram: Chave de  
fenda Principal Phillips Da Chave de fenda Principal Lisa Do 100"

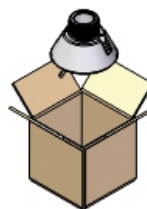
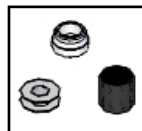


Italiano

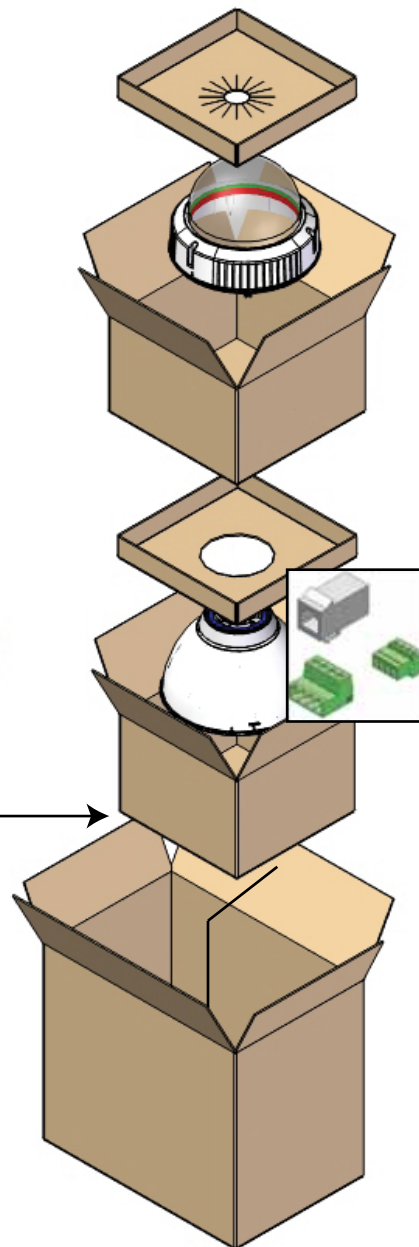
24 VCA  
80 Watt  
Di Accessori: Riscaldatore: 50 Watts, Blower: 2 Watt  
Alimentazione Della Macchina fotografica Da:  
(Veda Le Specifiche Della Macchina fotografica): 28 Watt  
Di Attrezzi Massimi Hanno richiesto: Cacciavite Capo "phillips"  
Del Cacciavite Capo Piano Del 100"

\* INDOOR UNITS DO NOT INCLUDE HEATER/BLOWER

## Contents of Box



Pendent Model  
(ONLY)

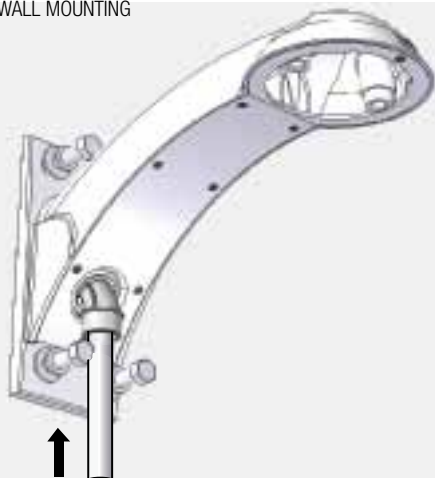


\*\*\* Pan Tilt boxed separately along with its instructions.

\* Pan/Tilt unit boxed separately

1

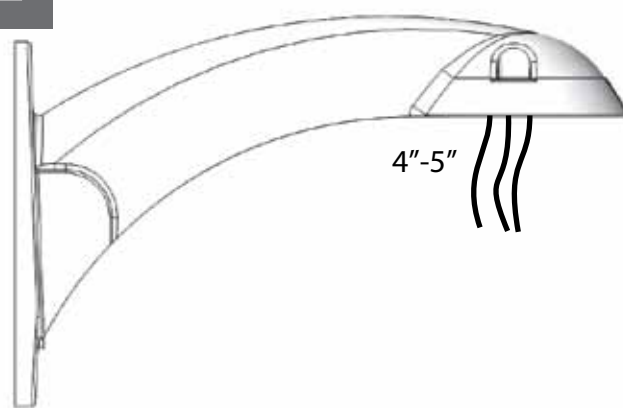
WALL MOUNTING



**Bracket is designed for 45° conduit fitting (If using the conduit). Run wire into bracket secure to wall.**

- El soporte se diseña para la guarnición del conducto 45° (si usa el conducto). Funcione con el alambre en el soporte seguro para emparedar.
- La parenthèse est conçue pour l'ajustage de précision du conduit 45° (si à l'aide du conduit). Courez le fil dans la parenthèse bloquée pour mur.
- Haltewinkel ist für Befestigung des Rohres 45° bestimmt (wenn das Rohr verwendet wird). Lassen Sie Draht in den Haltewinkel laufen, der, um zu ummauern sicher ist.
- O suporte é projetado para o encaixe da canalização 45° (se usando a canalização). Funcione o fio no suporte seguro para murar.
- La staffa è progettata per il montaggio del condotto 45° (se per mezzo del condotto). Faccia funzionare il legare nella staffa sicura per murare.

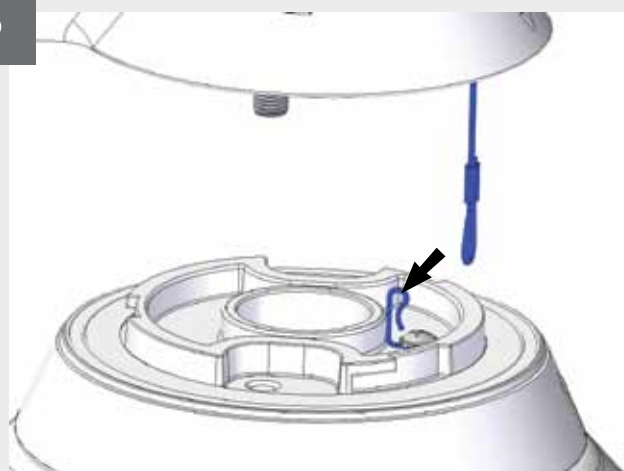
2



**Trim incoming control & power wires to 4"- 5", for either wall or pendent bracket**

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

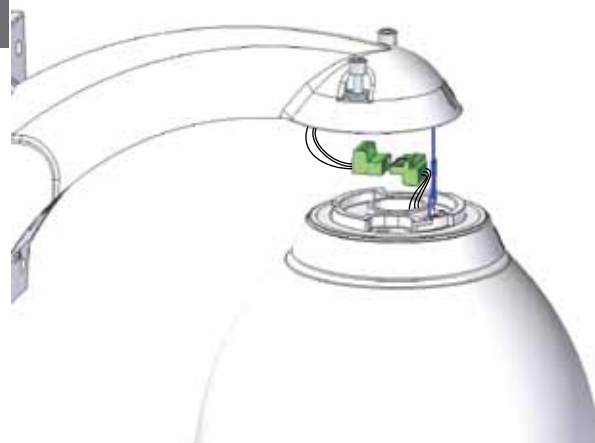
3



**Secure lanyard to lanyard clip**

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

4

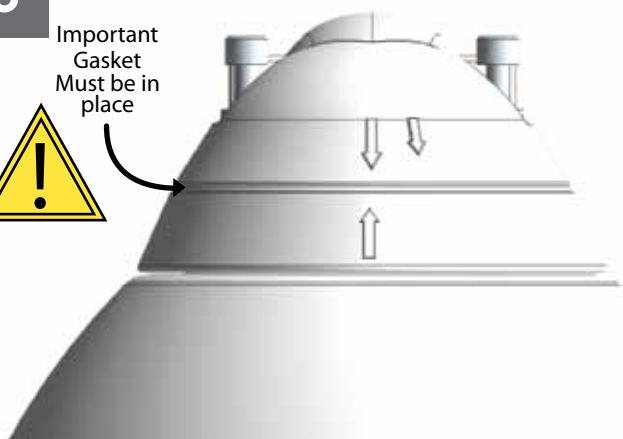


**Complete ALL wiring connections**

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

5

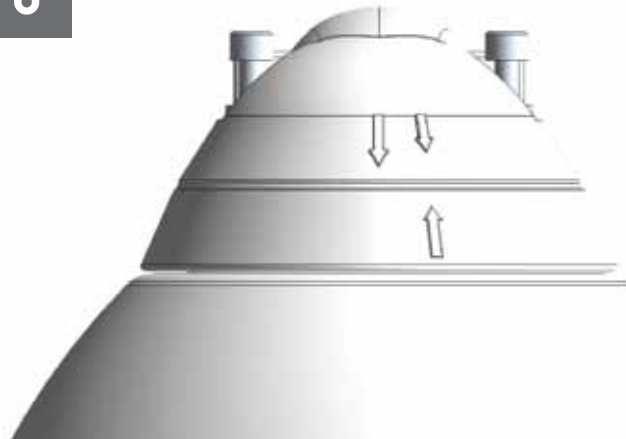
Important  
Gasket  
Must be in  
place



### Align large arrows

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

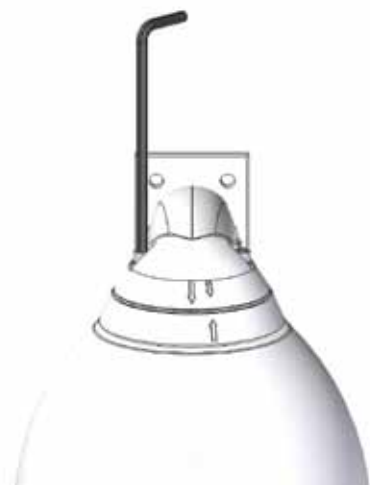
6



### To lock turn clockwise

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

7



### Secure with 1/4" Allen wrench

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.



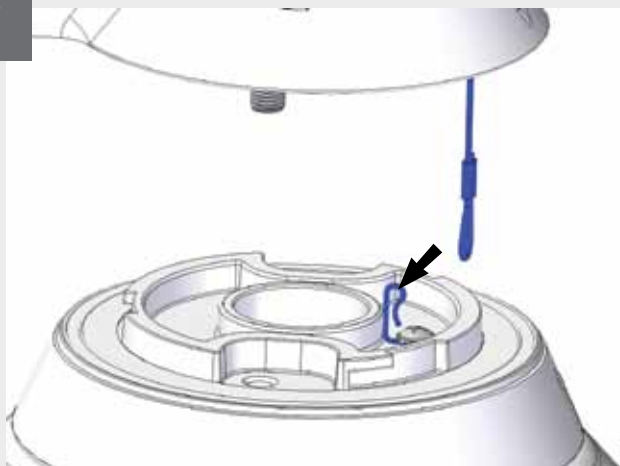
8

FOR PENDENT/  
WALL MOUNTING

**Trim incoming control and power wires to 4-5 for either wall or pendent bracket**

- La tapa segura de la cubierta SM5 con mercancías duras proporcionó; termine a la asamblea por las instrucciones SM5
- Le dessus bloqué du logement SM5 avec les articles durs a fourni; accomplissez l'assemblée par instructions SM5
- Sichere Oberseite des Gehäuses SM5 mit den harten Waren bereitgestellt; schließen Sie Versammlung pro Anweisungen SM5 ab
- Parte superior segura da carcaça SM5 com os mercadorias duros fornecidos; termine o conjunto por as instruções SM5
- Parte superiore sicura dell'alloggiamento SM5 con gli articoli duri forniti; completi l'assembla per istruzioni SM5

9



**Secure lanyard to lanyard clip**

- Con seguridad soporte del montaje a emparedar. Tire del cableado a través del soporte y del ojal de la posición según lo demostrado.
- Solidement parenthèse de bâti à murer. Tirez le câblage par la parenthèse et le canon isolant de position comme montré.
- Sicher Einfassung Haltewinkel wall. Ziehen Sie Verdrahtung durch Haltewinkel und Position Gummimuffe, wie gezeigt.
- Firmemente suporte da montagem a wall. Puxe a fiação através do suporte e do ilhó da posição como mostrado.
- Saldamente staffa del supporto da wall. Tiri i collegamenti tramite la staffa ed il gommino di protezione di posizione come indicato.

10



**Complete all wiring connections  
(coax wire not supplied)**

- Termine todas las conexiones del cableado (alambre coaxil no suministrado)
- Accomplissez tous les raccordements de câblage (fil coaxial non fourni)
- Schließen Sie alle Verdrahtungsanschlüsse ab (koaxialer Draht nicht geliefert)
- Termine todas as conexões da fiação (fio co-axial não fornecido)
- Completati tutti i collegamenti dei collegamenti (legare coassiale non fornito)

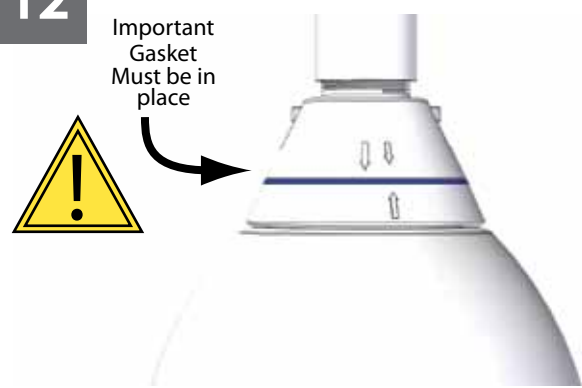
# 11



## Align large arrows

- Alinee las flechas grandes
- Alignez les grandes flèches
- Richten Sie große Pfeile aus
- Alinhe grandes setas
- Allini le grandi frecce

# 12



## To lock turn clockwise

- Alinee las flechas grandes
- Alignez les grandes flèches
- Richten Sie große Pfeile aus
- Alinhe grandes setas
- Allini le grandi frecce

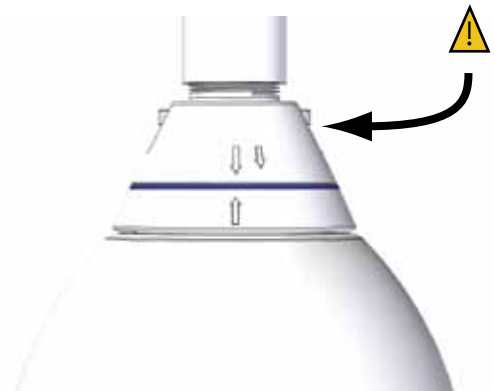
# 13



## Secure with 1/4" Allen wrench

- Asegure con la llave Allen del 1/4"
- Fixez clé Allen avec de 1/4"
- Sichern Sie mit 1/4" Inbusschlüssel
- Fixe com chave Allen do 1/4 de"
- Fissi con chiave di Allen del 1/4"

# 14

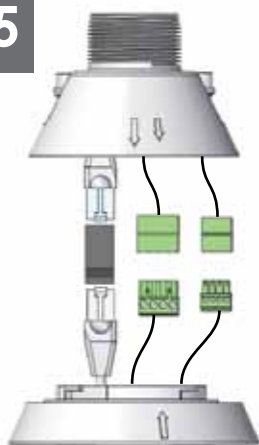


## To loosen - unscrew bolts 1/2" turn counter clockwise

- Para aflojar - desatornille a la derecha contrario de la vuelta del 1/2 de los pernos"
- Pour se desserrer - dans le sens des aiguilles d'une montre de tour dévissez de boulons 1/2 » contre-
- Um sich zu lösen - schrauben Sie Schraubbolzen 1/2" Umdrehungs-Gegenrechtses herum ab
- Para afrouxar - desparafuse sentido horário contrário volta do 1/2 dos parafusos da"
- Per allentare - sviti in senso orario di girata del 1/2 dei bulloni,, contro



15



## NETWORK:

RJ45

24VAC			POWER
1	Camera	Red	Max 28 Watts
2	Camera	Orange	
3	Heater/Blower	Yellow	52 Watts
4	Heater/Blower	Green	

1/0		
1	Alarm 1	Blue
2	Alarm 2	Violet
3	Alarm 3	Gray
4	Common	White

BNC (Not Used with NETWORK)

## ANALOG:

24VAC			POWER
1	Camera	Red	Max 28 Watts
2	Camera	Orange	
3	Heater/Blower	Yellow	52 Watts
4	Heater/Blower	Green	

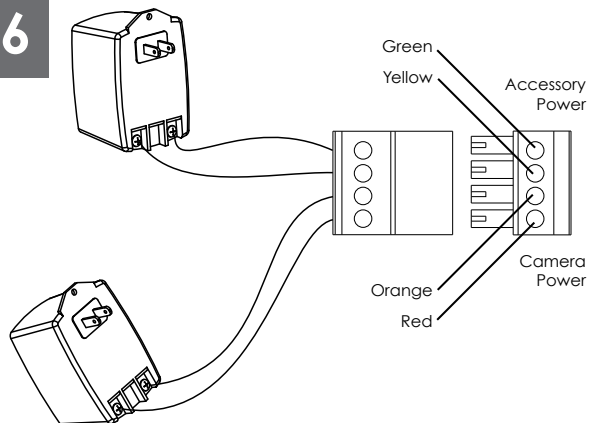
1/0		
1	RS-485RX A	Blue
2	RS-485RX B	Violet
3	RS-485TX A	Gray
4	RS-485TX B	White

BNC

**Make the appropriate male and female connections. Indoor model does not include pre-run cables.**

- Haga las conexiones masculinas y femeninas apropiadas. El modelo de interior no incluye pre-funciona los cables.
- Établissez les rapports masculins et femelles appropriés. Le modèle d'intérieur n'inclut pas pré-courent des câbles.
- Stellen Sie die passenden männlichen und weiblichen Beziehungen her. Innenmodell schließt nicht vor-laufen lassen Kabel ein.
- Faça as conexões masculinas e fêmeas apropriadas. O modelo indoor não inclui pre-funciona cabos.
- Faccia i collegamenti maschii e femminili adatti. Il modello dell'interno non include pre-fa funzionare i cavi.

16



**Camera = red & orange wires to terminal  
Heater/Blower = yellow & green wires to terminal**

- Cámara fotográfica = alambres rojos y anaranjados al terminal Heater/Blower = alambres del amarillo y del verde al terminal
- Appareil-photo = fils rouges et oranges à la borne Heater/Blower = fils de jaune et de vert à la borne
- Kamera = rote u. orange Leitungen zum Anschluß Heater/Blower = Gelb- u. Grünleitungen zum Anschluß
- Câmera = fios vermelhos & alaranjados ao terminal Heater/Blower = fios do amarelo & do verde ao terminal
- Macchina fotografica = legare rossi & arancioni al terminale Heater/Blower = legare di verde & di colore giallo al terminale

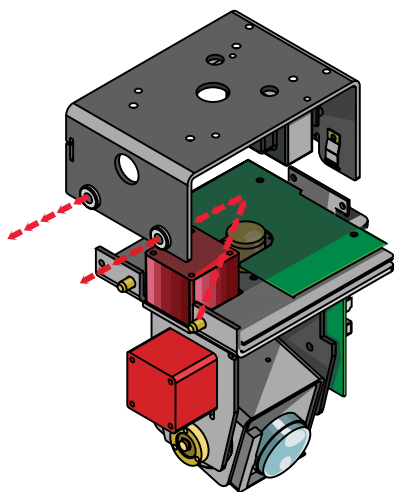
17

		Wire Gauge							
		,5	,75	1,0	1,5	2,5	4	6	MM <sup>2</sup>
Total vA consumed		22	20	18	16	14	12	10	AWG
5.5	ft	400	600	960	292	-	-	-	
	m	121	182	292	-	-	-	-	
10		120	180	300	480	800	1300	396	-
		36.5	54.9	91.4	146	243	396	576	
20		89	141	225	358	571	905	1440	
		27.1	43.0	68.6	109	174	275	438	
30		65	90	130	225	350	525	830	
		19.8	27.4	39.6	68.6	106	160	252	
40		44	70	112	179	285	452	720	
		13.4	21.3	34.1	54.6	86.9	138	219	
50		35	56	90	143	228	362	576	
		10.6	17.1	27.4	43.6	69.5	110	175	
60		29	47	75	119	190	301	480	
		9.4	14.3	22.9	36.2	57.9	91.7	146	
70		25	40	64	102	163	258	411	
		8.8	12.2	19.5	31.1	49.7	78.6	125	
80		31	50	85	140	215	340	540	
		7.6	10.3	16.8	25.9	42.7	65.5	103	

**These are recommended maximum distances for 24VAC with a 10% voltage drop.**

- Éstos se recomiendan las distancias máximas para 24VAC con una gota del voltage del 10%.
- Ceux-ci sont recommandés des distances maximum pour 24VAC avec une chute de tension de 10%.
- Diese werden maximale Abstände für 24VAC mit einem 10% Spannungsabfall empfohlen.
- Estes são recomendados distâncias máximas para 24VAC com uma queda de tensão de 10%.
- Questi sono suggeriti distanze massime per 24VAC con una differenza di potenziale di 10%.

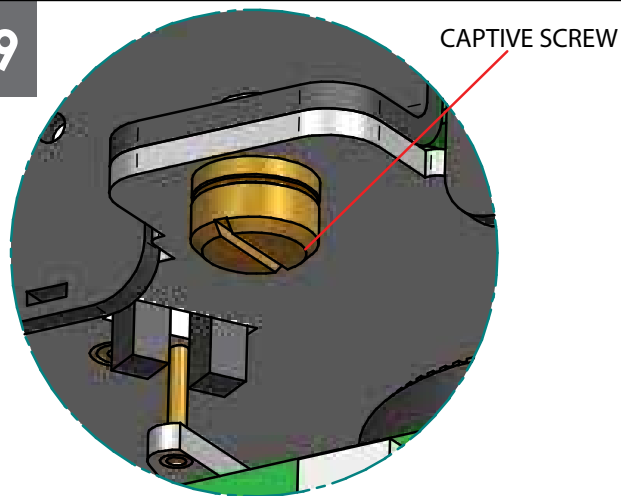
18



**Remove Pan/Tilt from shipping carton.  
Install in base bracket in housing.**

- Quite Pan/Tilt del cartón del envío. Instale en soporte bajo en la cubierta.
- Enlevez Pan/Tilt du carton d'expédition. Installez dans la parenthèse basse dans le logement.
- Entfernen Sie Pan/Tilt vom Verschiffenkarton. Bringen Sie in niedrigen Haltewinkel im Gehäuse an.
- Remova Pan/Tilt da caixa do transporte. Instale no suporte baixo na carcaça.
- Rimuova Pan/Tilt dalla scatola di trasporto. Installi in staffa bassa in alloggiamento.

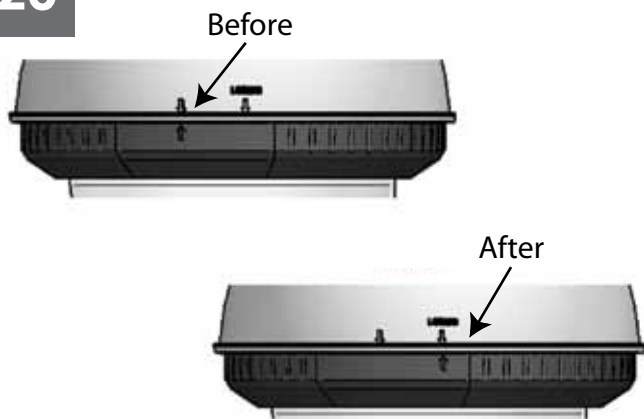
19



**To secure in place, tighten captive screw.**

- Para asegurar en lugar, apriete el tornillo prisionero.
- Pour fixer en place, serrez la vis captive.
- Um im Platz zu sichern, ziehen Sie Sicherheitsschraube fest.
- Para fixar-se no lugar, aperte o parafuso prisioneiro.
- Per fissare sul posto, stringa la vite prigioniera.

20



**Align the arrows on the outside of the dome  
and lock.**

- Alinee las flechas en el exterior de la bóveda y trábese.
- Alignez les flèches sur l'extérieur du dôme et fermez à clef.
- Richten Sie die Pfeile auf der Außenseite der Haube aus und verriegeln Sie sich.
- Alinhe as setas na parte externa da abóbada e trave-as.
- Allinei le frecce sulla parte esterna della cupola e blocchi.

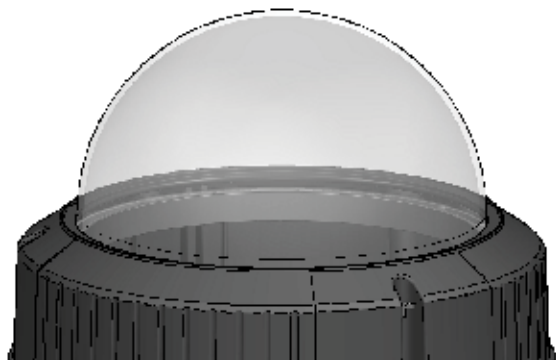
21



**Fasten down the dome with a Phillips  
screwdriver.**

- Sujete abajo de la bóveda con un destornillador Phillips.
- Attachez en bas du dôme avec un tournevis Phillips.
- Befestigen Sie sich hinunter die Haube mit einem Kreuzkopfschraubenzieher.
- Prenda abaixo a abóbada com uma chave de fenda Phillips.
- Fissisi giù la cupola con un cacciavite "phillips".

# 22



**Wipe the dome clean.**

- Limpie la bóveda limpia.
- Essuyez le dôme.
- Wischen Sie die Haube sauber ab.
- Limpe a abóbada limpa.
- Asciughi la cupola.

# 23



**Loop the lanyard around the tab inside the housing.**

- Coloque el acollador alrededor de la lengüeta dentro de la cubierta.
- Faites une boucle la lanière autour de l'étiquette à l'intérieur du logement.
- Schlingen Sie die Abzuglinie um den Vorsprung innerhalb des Gehäuses.
- Dê laços no colhedor em torno da aba dentro da carcaça.
- Collegli la cordicella in circuito intorno alla linguetta all'interno dell'alloggiamento.

## PB24 Addendum

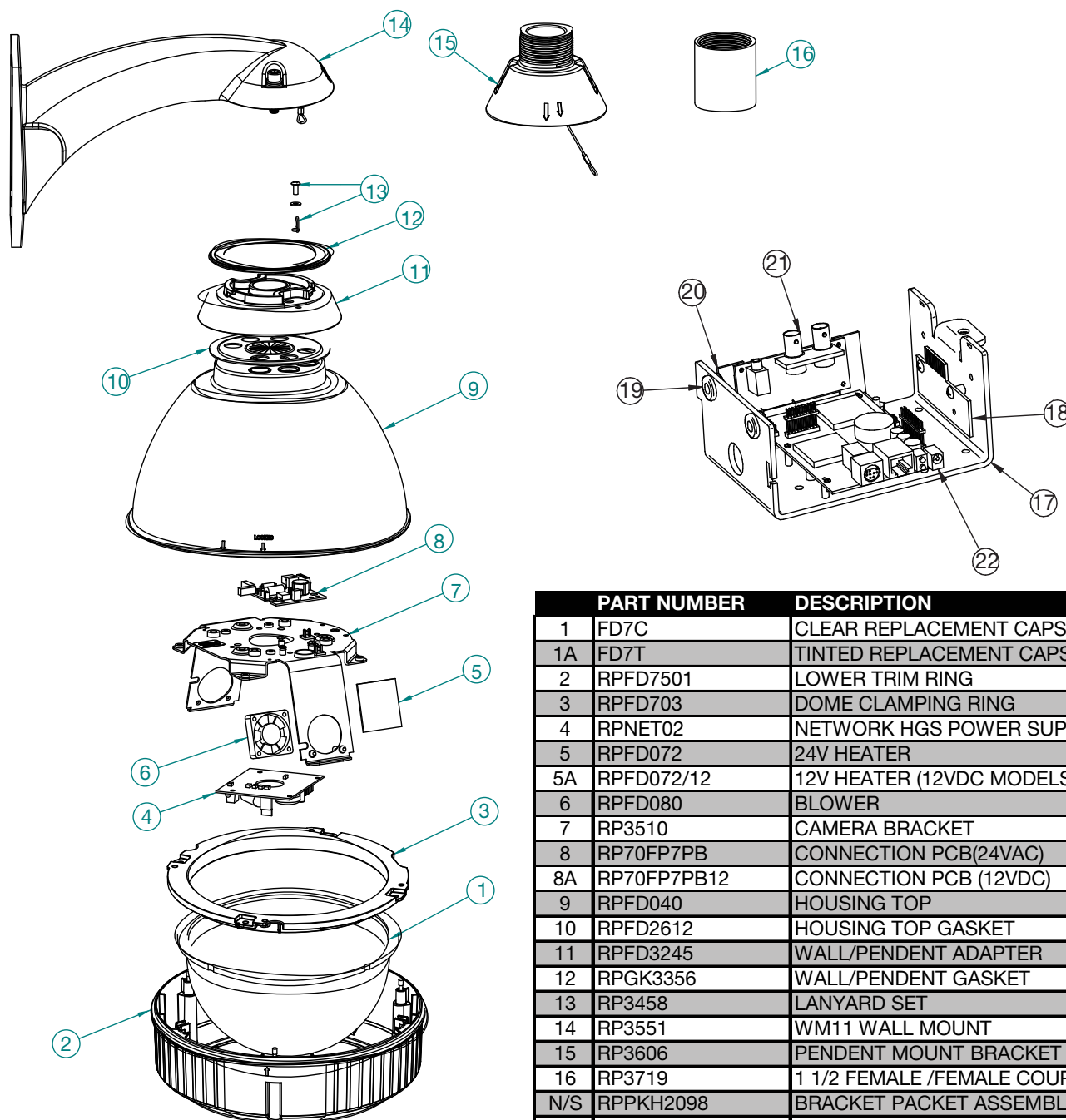


**Additional wires are provided to run power to PB24. Use with connector supplied. Run RJ45 connector through PB24, wall mount, and connect lead from housing.**

- Los alambres adicionales se proporcionan a la energía funcionada con a PB24. El uso con el conector proveyó. Funcione con el conector RJ45 con PB24, emparede el montaje, y conecte el plomo de la cubierta.
- Des fils additionnels sont fournis à la puissance courue à PB24. L'utilisation avec le connecteur a fourni. Courez le connecteur RJ45 par PB24, murez le bâti, et reliez le fil du logement.
- Zusätzliche Drähte zur Verfügung gestellt zu laufen gelassener Energie zu PB24. Gebrauch mit Verbindungsstück lieferte. Laufen lassen Sie Verbindungsstück RJ45 durch PB24, ummauern Sie Einfassung und anschließen Sie Blei vom Gehäuse n.
- Os fios adicionais são fornecidos ao poder funcionado a PB24. O uso com conector forneceu. Funcione o conector RJ45 com PB24, mure a montagem, e conecte a ligação da carcaça.
- I legare supplementari sono forniti a potere funzionato a PB24. L'uso con il connettore ha fornito. Faccia funzionare il connettore RJ45 con PB24, muri il supporto e colleghi il cavo da alloggiamento.

# Replacement Parts List

## FDW7CN-3

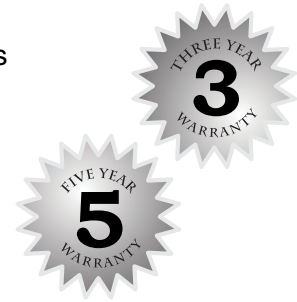


	PART NUMBER	DESCRIPTION
1	FD7C	CLEAR REPLACEMENT CAPSULE
1A	FD7T	TINTED REPLACEMENT CAPSULE
2	RPFD7501	LOWER TRIM RING
3	RPFD703	DOVE CLAMPING RING
4	RPNET02	NETWORK HGS POWER SUPPLY
5	RPFD072	24V HEATER
5A	RPFD072/12	12V HEATER (12VDC MODELS ONLY)
6	RPFD080	BLOWER
7	RP3510	CAMERA BRACKET
8	RP70FP7PB	CONNECTION PCB(24VAC)
8A	RP70FP7PB12	CONNECTION PCB (12VDC)
9	RPFD040	HOUSING TOP
10	RPFD2612	HOUSING TOP GASKET
11	RPFD3245	WALL/PENDENT ADAPTER
12	RPKG3356	WALL/PENDENT GASKET
13	RP3458	LANYARD SET
14	RP3551	WM11 WALL MOUNT
15	RP3606	PENDENT MOUNT BRACKET
16	RP3719	1 1/2 FEMALE /FEMALE COUPLING
N/S	RPPKH2098	BRACKET PACKET ASSEMBLY
N/S	RPPKE1100	ELECTRICAL PACKET ASSEMBLY
N/S	RPTRAN02	110 TO 24VAC WALL TRANSFORMER
17	RPVL2857	PAN/TILT BASE BRACKET
18	RP76VL385A	PAN/TILT CONNECTION PCB
19	RP96PSGK08	PANT/TILT GROMMET
20	RPVL3097	IP CARD BRACKET
21	RP76P0F060E	IP CONNECTION PCB
22	RP7OP14015	IP CARD

# Product Registration/Warranty

Thank you for choosing Videolarm. We value your patronage and are solely committed to providing you with only the highest quality products available with unmatched customer service levels that are second-to-none in the security industry.

Should a problem arise, rest assure that Videolarm stands behind its products by offering some of the most impressive warranty plans available: 3 Years on all Housings, Poles, Power Supplies, and Accessories and 5 Years on all camera systems (SView, QView, Warriors), and InfraRed Illuminators.



## Register Your Products

Option 1: **Online** Option 2: **Mail-In**

Take a few moments and validate your purchase with our Online Product Registration Form at **[www.videolarm.com/productregistration.jsp](http://www.videolarm.com/productregistration.jsp)** or complete and mail-in the bottom portion of this flyer.

Register your recent Videolarm purchases and benefit from the following:

- Simple and Trouble-Free RMA process
- Added into customer database to receive product updates / news
- Eliminate the need to archive original purchase documents: Receipts, Purchase Orders, etc...



Cut at the dotted Line

## Main Contact Info

Place in envelope, affix stamp and mail to:

Videolarm ATTN: Warranty  
2525 Park Central Ave.  
Decatur, GA 30035

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_  
Professional Title: \_\_\_\_\_ Company: \_\_\_\_\_  
Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State / Province/Country: \_\_\_\_\_  
Zip / Postal Code: \_\_\_\_\_ Phone Number: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

## Product Information

Please Circle One:

Business

Personal

Name & Location of Company / Store where Purchased: \_\_\_\_\_  
(City, State, Country)

Videolarm Product ID \_\_\_\_\_ Product Description \_\_\_\_\_

Serial # \_\_\_\_\_

(Available only for Camera Systems, IR Illuminators, Wireless Devices)

PO# \_\_\_\_\_